

Decision Support Systems (DSS)

Sheet (1)

3rd Year students

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- 1) Explain essential steps in the process of making a decision for a project establishment.
 - 2) Mention uncertainties related to decision making for an investment.
 - 3) State the factors affecting decision making.
 - 4) State the different management levels in general and apply these levels to your university.
 - 5) Suppose that a business process X produces a given product and that the distance between s and t is of 2 years. Calculate the change in labor and capital productivity in the 2 years.

Data	s	t
quantity produced (thousands)	21.5	24.6
number of employees (1)	75	80
yearly hours per employee (2)	1772	1760
employee yearly hours=(1)*(2)	132900	140800
machine hours	8500	9100

- 6) Define data, information and meta-data; give an example.